



State of Ohio Environmental Protection Agency

**Southwest District Office**

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George V. Voinovich  
Governor

July 16, 1998

RE: DOE FEMP  
CONDITIONAL APPROVAL:  
GEOTECHNICAL ENGINEERING  
REPORT FOR THE FPA

Mr. Johnny Reising  
U.S. Department of Energy, Fernald Area Office  
P.O. Box 538705  
Cincinnati, OH 45253-8705

Dear Mr. Reising:

This letter provides conditional approval of the "Geotechnical Engineering Report for Project Order 177, A-E Support Services for Geotechnical Investigation of the Former Plant Area". The conditions of approval are satisfactory resolutions of the following comments.

1. Commenting Organization: OEPA  
Section #: 1 Pg #: 1-15  
Original Comment #

Commentor: OFFO  
Line #: 3 Code: C

October 1991 and March 1992 perched groundwater elevations were used in the depth to groundwater analysis. Why was this data used when more recent data is probably available? The text should justify the use of 1991-92 data.

2. Commenting Organization: OEPA  
Section #: 5 Pg #: 5-23  
Original Comment #

Commentor: OFFO  
Line #: 16 Code: C

A CAT 350L excavator (108,000 pounds) was assumed in the surcharge loading analysis. If any equipment heavier than the CAT 350L excavator is used, the surcharge loading analysis needs to

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Ohio EPA Comments  
July 16, 1998  
Page 2

be recalculated.

If you have any questions, please contact Michelle Orr or me.

Sincerely,

Handwritten signature of Michelle Orr in cursive script.

Thomas A. Schneider  
Fernald Project Manager  
Office of Federal Facilities Oversight

cc: Jim Saric, U.S. EPA  
Terry Hagen, FDF  
Ruth Vandergrift, ODH  
Mark Shupe, HSI GeoTrans  
Francie Barker, Tetra Tech EM Inc.  
Manager, TPSS/DERR,CO